

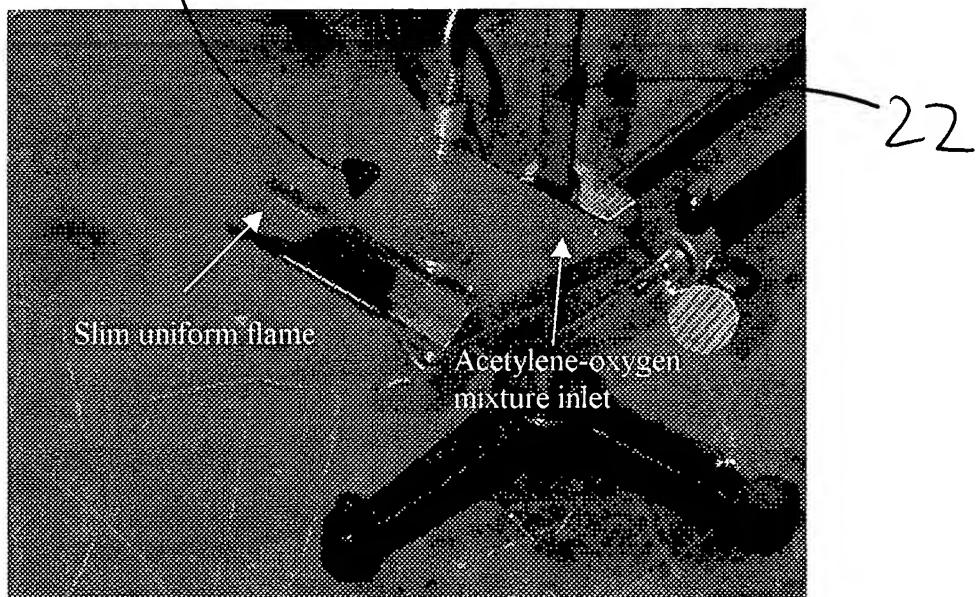
PATENT
070050.1459

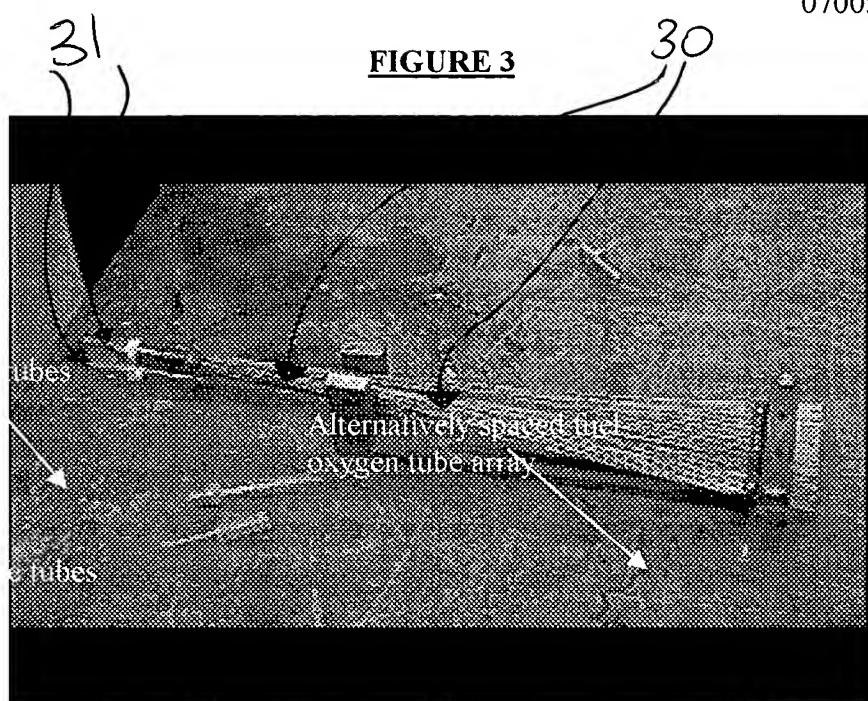
FIGURE 1



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FIGURE 2





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FIGURE 4

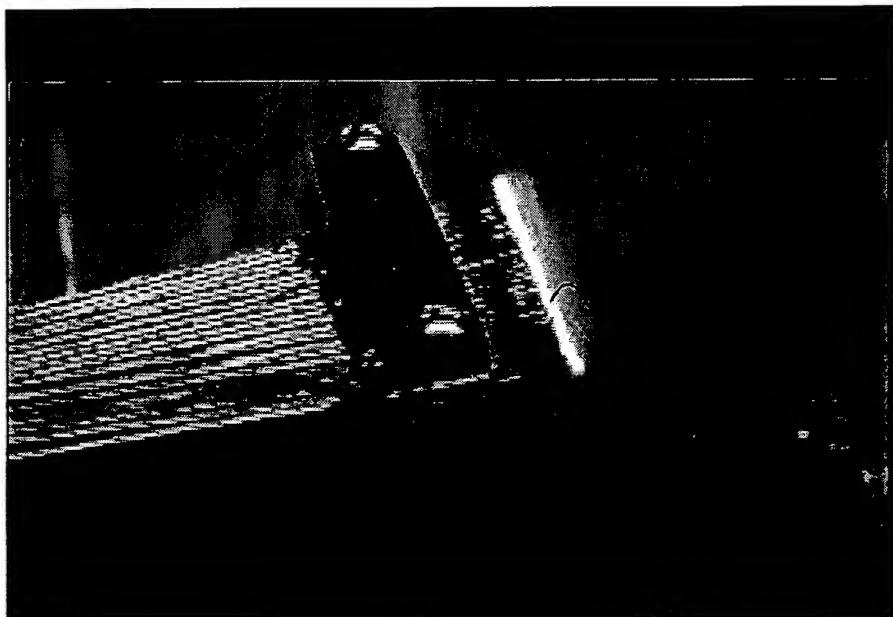


FIGURE 5

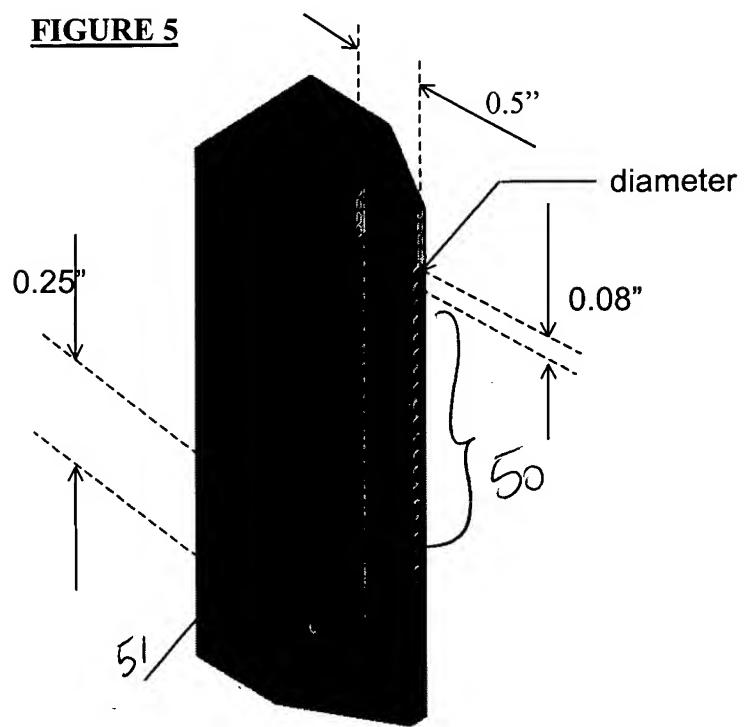


FIGURE 6

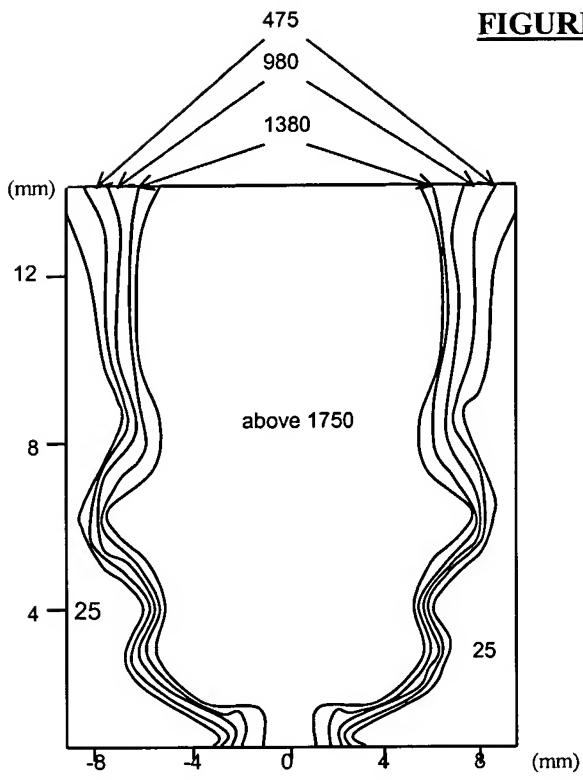
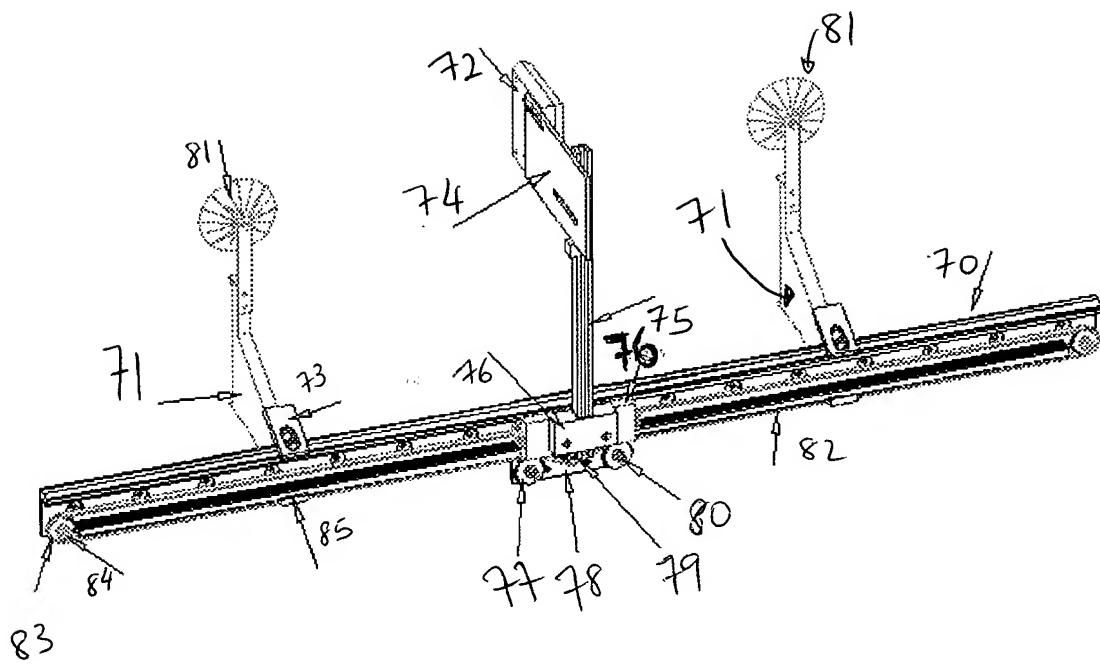
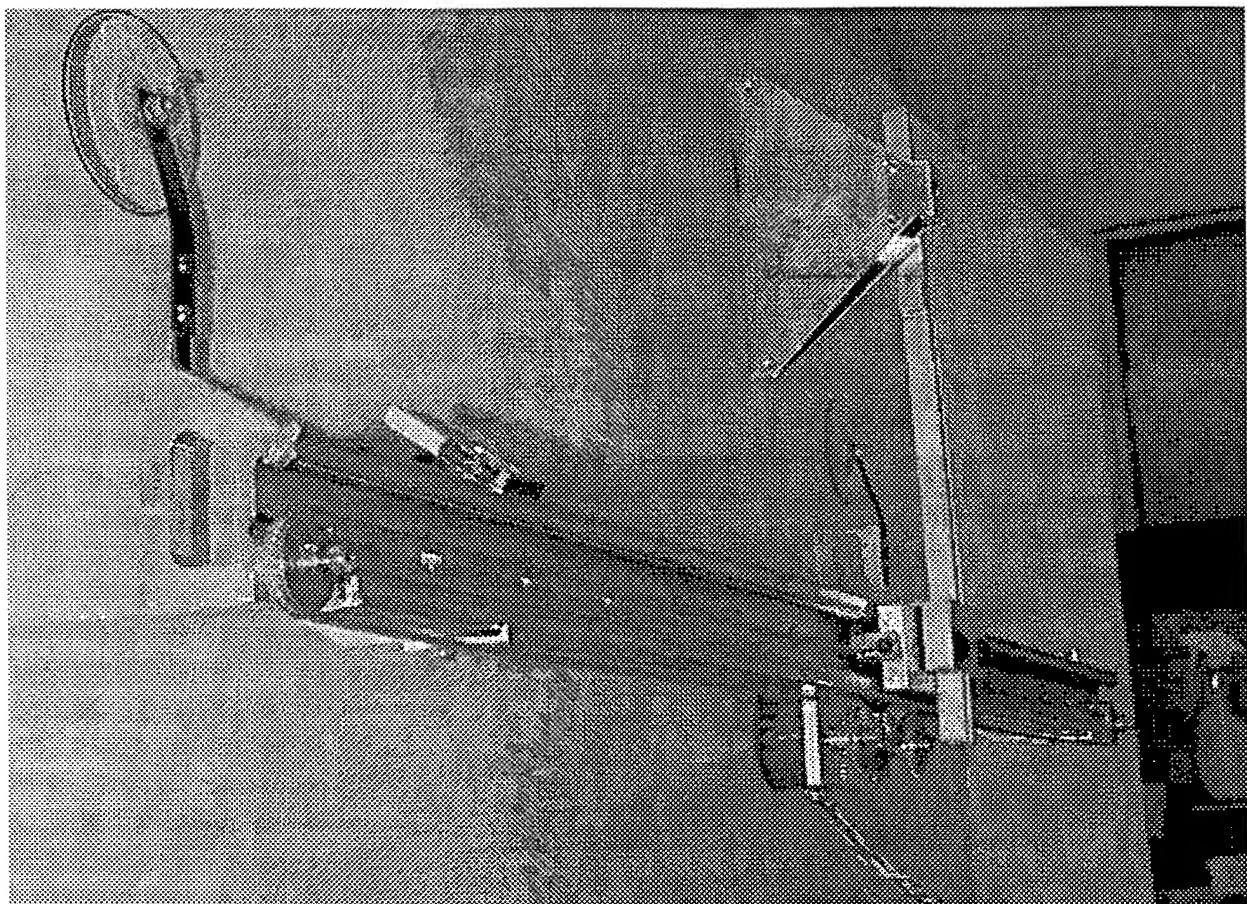


FIGURE 7



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FIGURE 8



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FIGURE 9

PRIOR ART

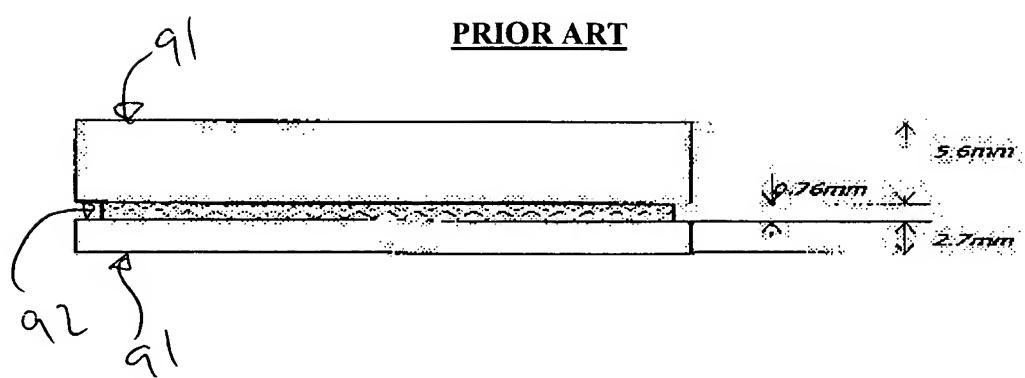
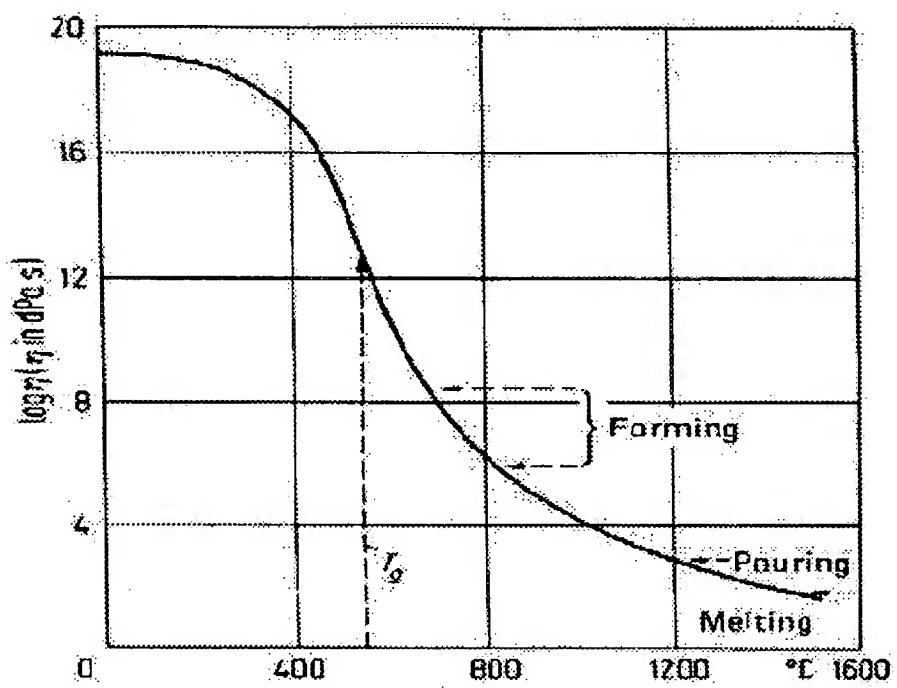


FIGURE 10



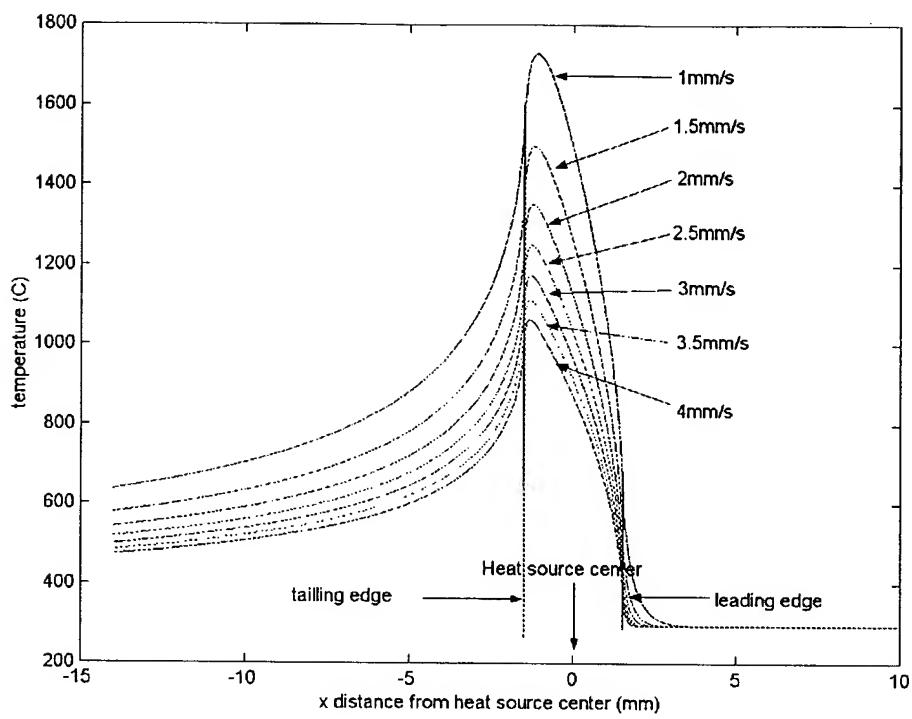
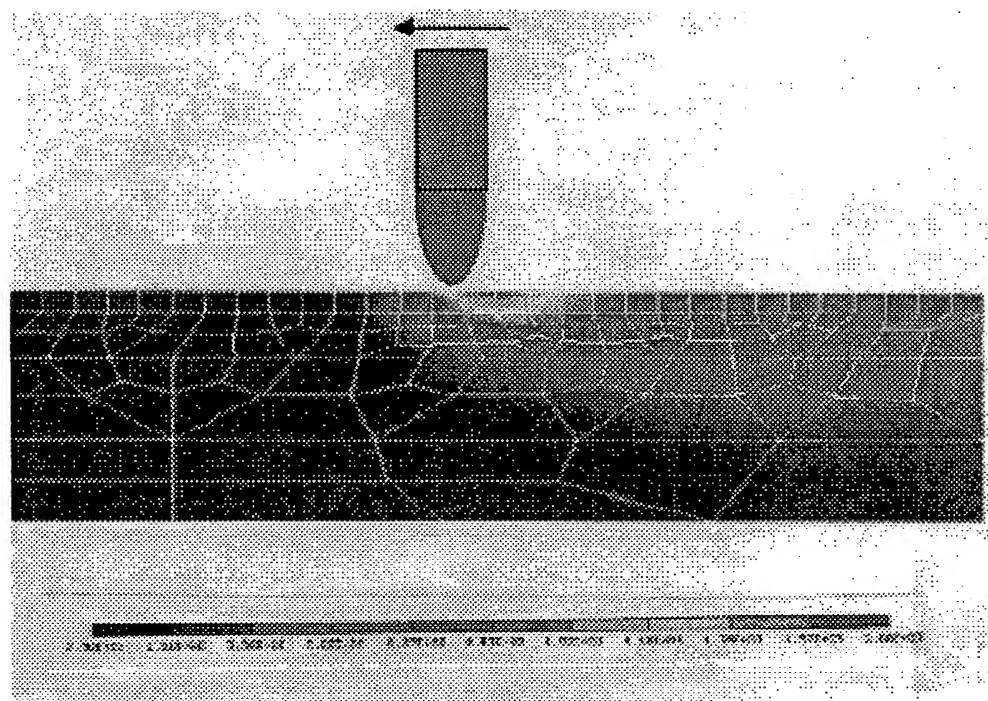


FIGURE 11

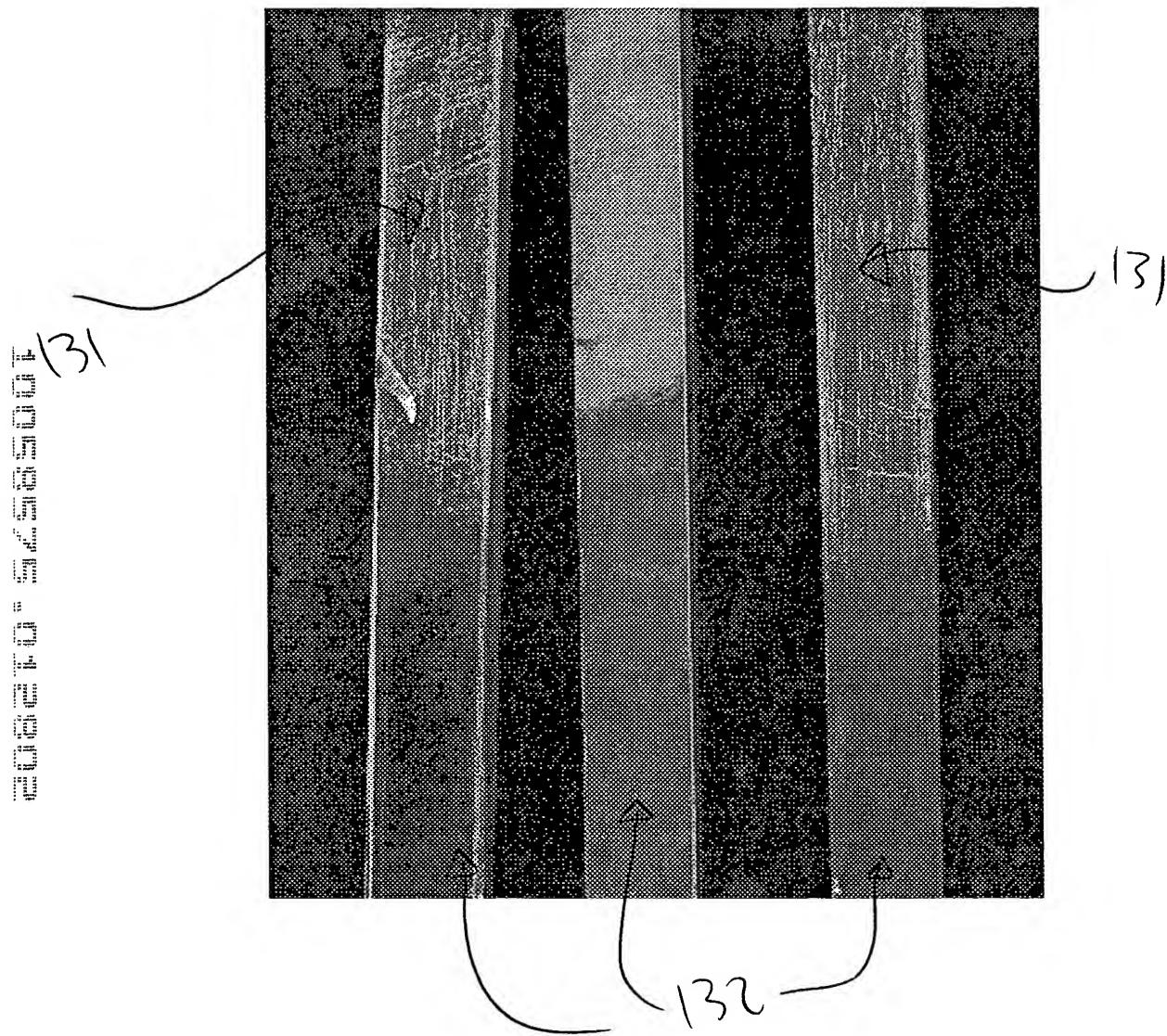
FIGURE 12



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FIGURE 13



REPRESENTATIVE RESULTS OF OPTIMAL,
AND SUB-OPTIMAL, HEAT SOURCE VELOCITY
AND FUEL FLOW RATE COMBINATIONS

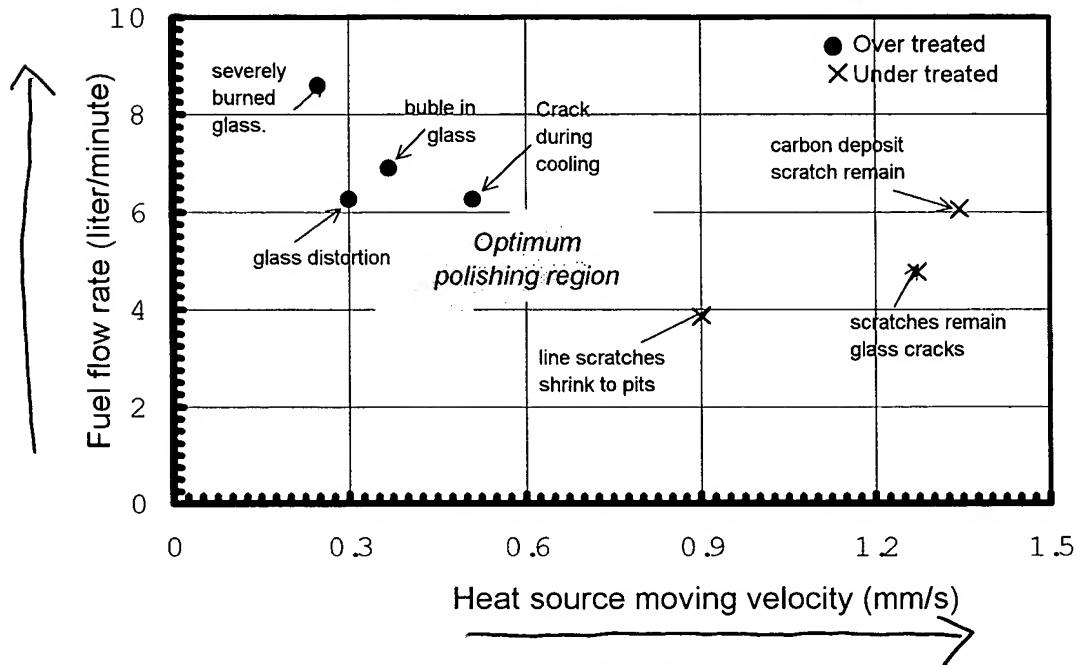


FIGURE 14

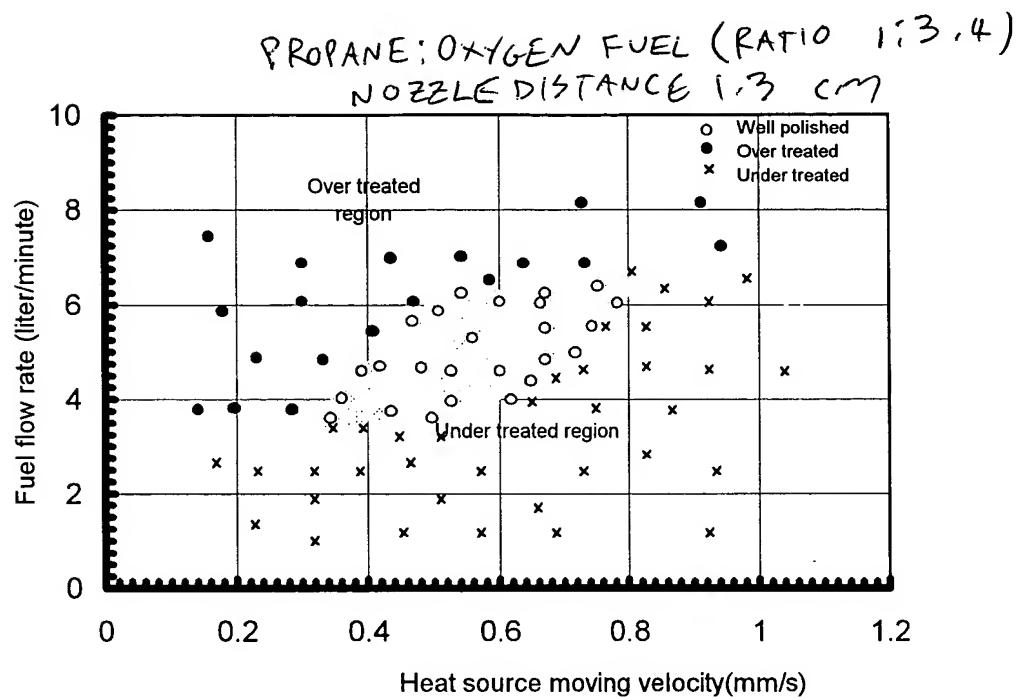


FIGURE 15

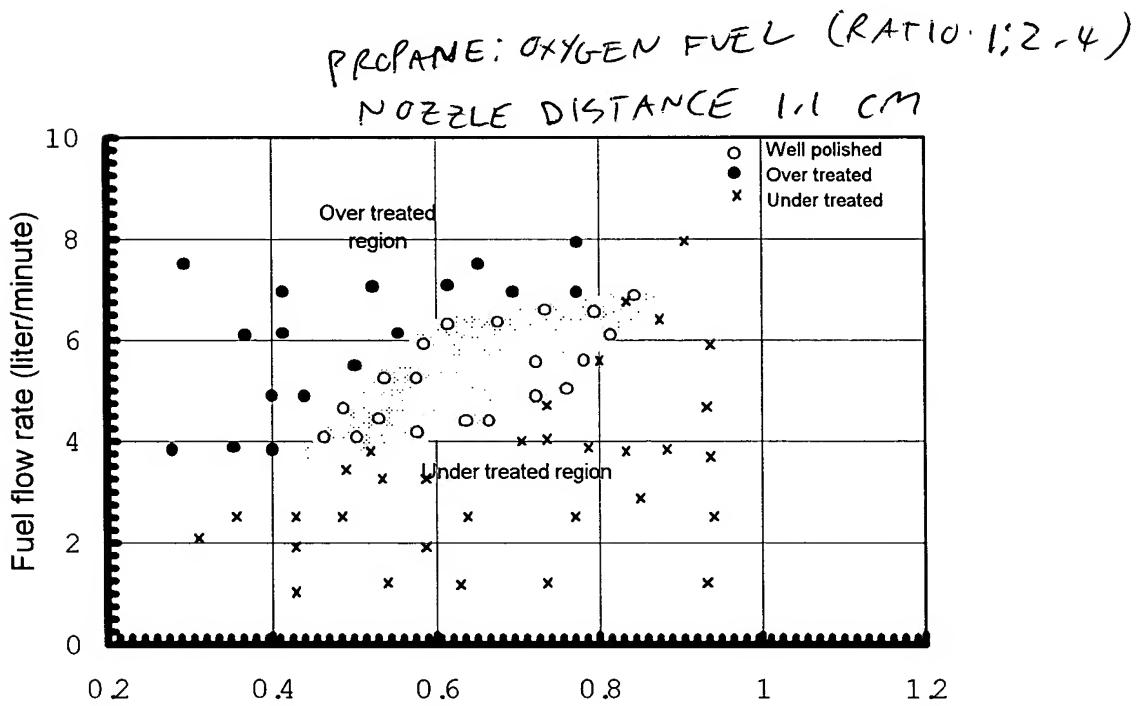


FIGURE 16

PROPANE:OXYGEN FUEL (RATIO 1:3.9)
NOZZLE DISTANCE 110 cm

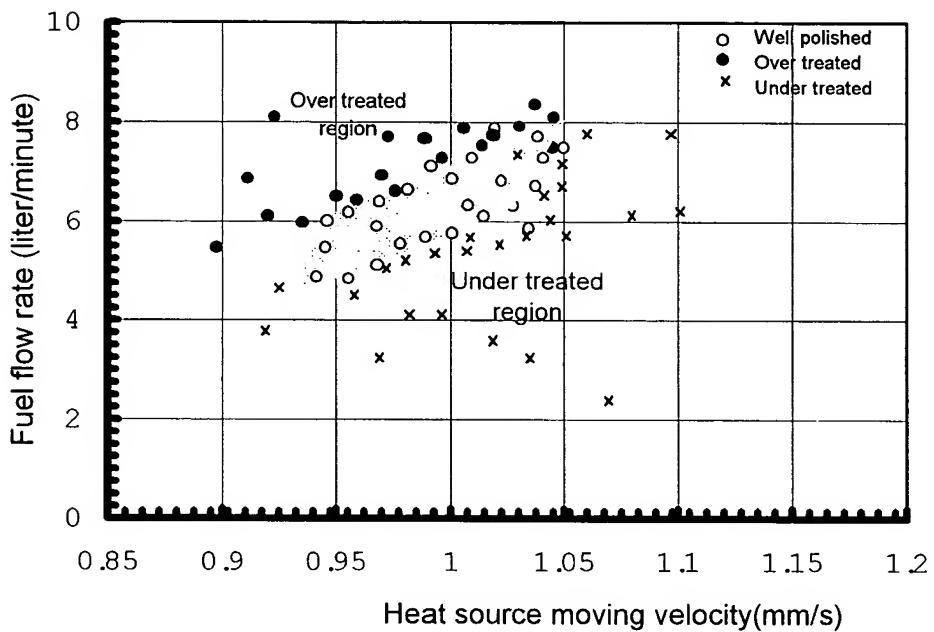


FIGURE 17

PROPANE:OXYGEN FUEL (RATIO 1:3.3)
NOZZLE DISTANCE 0.9 cm

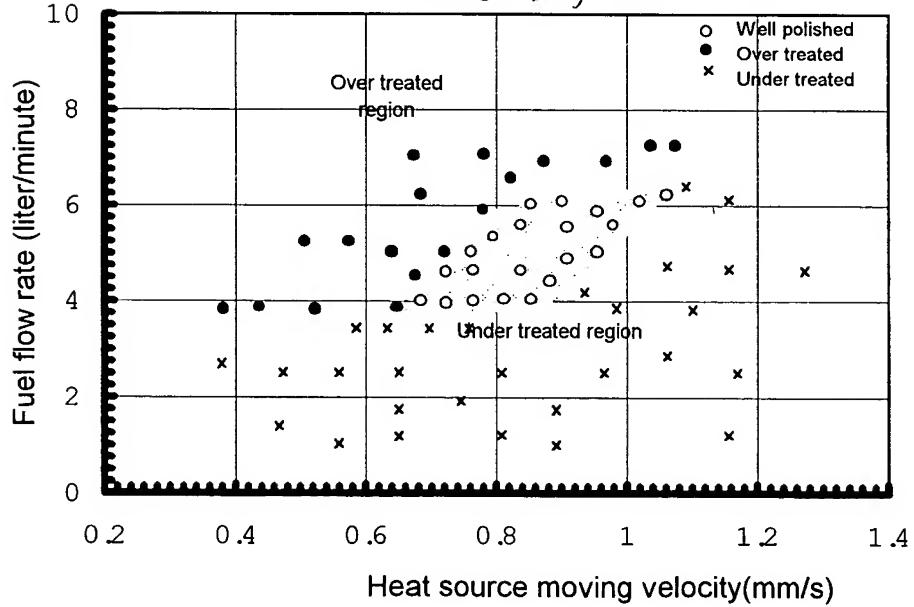


FIGURE 18

ACETYLENE:OXYGEN MIX (RATIO 1;1.2) PATENT
NOZZLE DISTANCE 5.8 CM 070050.1459

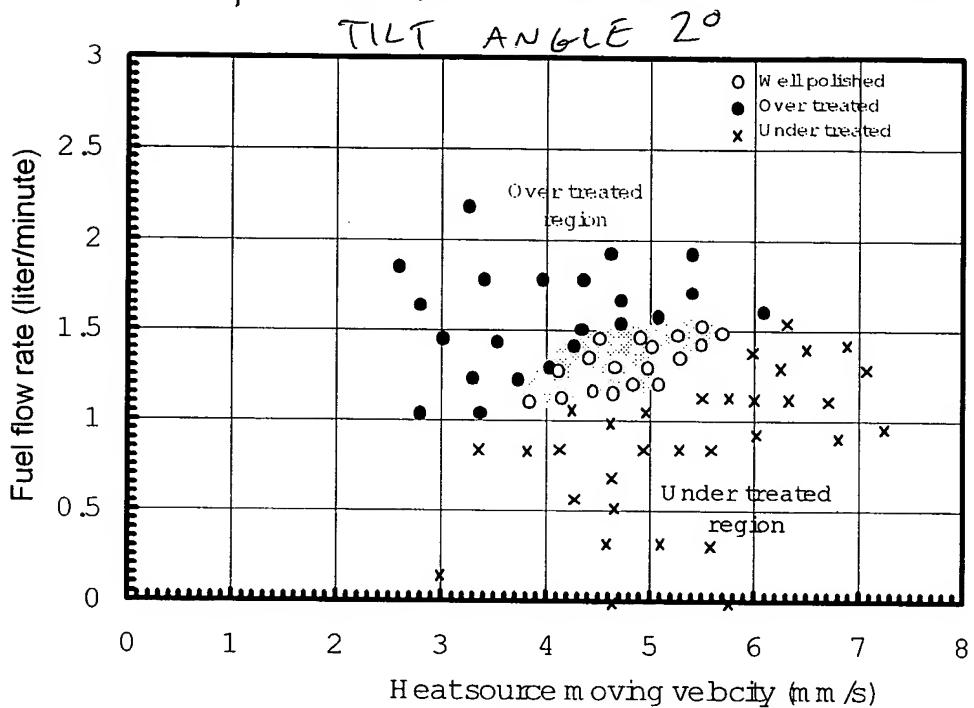


FIGURE 19

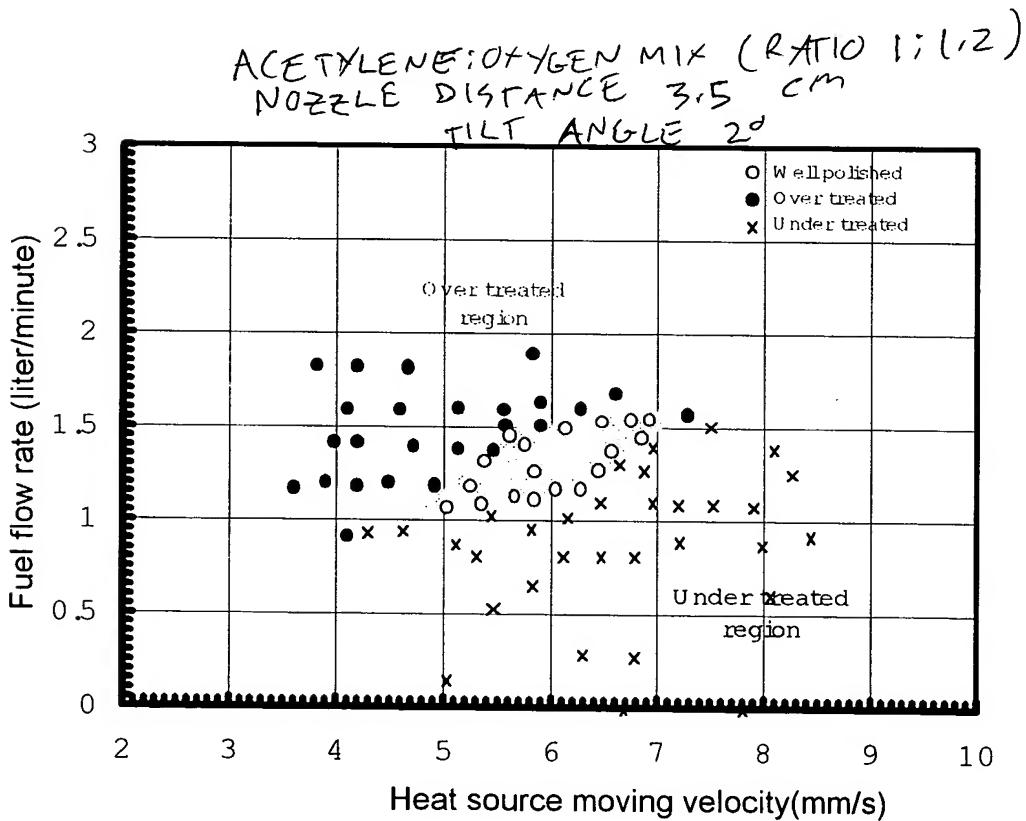


FIGURE 20